What is claimed is:

1. A throttle body comprising:

a main body made of resin;

a throttle valve, a motor and a gear mechanism disposed within the main body; so that the rotation of the motor is transmitted to the throttle valve via the gear mechanism, wherein the gear mechanism includes a drive gear mounted to an output shaft of the motor and an intermediate gear disposed between the drive gear and the throttle valve;

a metal plate mounted to a motor casing of the motor, wherein the intermediate gear is mounted to the metal plate; and

an adjusting device arranged and constructed to adjust the position of the intermediate gear relative laterally across a face of the main body.

2. A throttle body as in claim 1, further including a fixing device arranged and constructed to fix the metal plate in position relative to the main body, wherein the adjusting mechanism serves to adjust the relative position between the metal plate and the main body.

3. A throttle body as in claim 2, wherein the metal plate is fixed in position relative to the motor casing.

4. A throttle body as in claim 3, further including a gear shaft that is secured to the metal plate, and the intermediate gear is rotatably mounted on the gear shaft.

5. A throttle body as in claim 4, wherein the adjusting mechanism comprises at least one mounting hole formed in the metal plate, and the mounting hole is adapted to receive a fixing device has an elongated configuration having a length that is greater than the width of the mounting hole.

6. A throttle body as in claim 5, wherein the fixing device comprises a screw.

7. A throttle body as in claim 5, wherein the mounting hole is elongated in a circumferential direction of the metal plate substantially about the axis of the output shaft of the motor.

8. A throttle body as in claim 6, wherein the screw engages a threaded hole formed in the main body.

9. A throttle body as in claim 5, wherein the gear mechanism further includes a throttle gear that is coupled to the throttle valve and is rotatable with the throttle valve, and the throttle gear engages the intermediate gear.

10. A throttle body comprising:

a main body made of resin; and

a throttle valve, a motor and a gear mechanism disposed within the main body; so that the rotation of the motor is transmitted to the throttle valve via the gear mechanism, wherein the gear mechanism includes a drive gear mounted to an output shaft of the motor and an intermediate gear disposed between the drive gear and the throttle valve; and

a metal plate mounted to a motor casing of the motor, wherein the intermediate gear is mounted to the metal plate; and

an adjusting device arranged and constructed to adjust the position of the intermediate gear relative laterally across a face of the main body; and

a fixing device arranged and constructed to fix the metal plate in position relative to the main body, wherein the adjusting mechanism serves to adjust the relative position between the metal plate and the main body; and

a gear shaft secured to the metal plate, wherein the intermediate gear is rotatably mounted on the gear shaft.

11. A throttle body as in claim 10, wherein the adjusting mechanism comprises at least one mounting hole formed in the metal plate, and the mounting hole is adapted to receive the fixing device and has a distorted configuration allowing adjustment in at least one dimension in a plane parallel to the metal plate.

12. A throttle body as in claim 10, wherein the adjusting mechanism comprises at least one mounting hole formed in the metal plate, and the mounting hole is adapted to receive the fixing device and has an elongated configuration having a length that is greater than the width of the mounting hole.

13. A throttle body as in claim 10, wherein the adjusting mechanism comprises at least one mounting hole formed in the metal plate, and the mounting hole is adapted to receive the fixing device and has a t-shaped configuration allowing adjustment in at least two dimensions in a plane parallel to the metal plate.

14. A throttle body as in claim 10, wherein the gear mechanism further includes a throttle gear that is coupled to the throttle valve and is rotatable with the throttle valve, and the throttle gear engages the intermediate gear.

15. A throttle body comprising:

a main body made of resin; and

a throttle valve, a motor and a gear mechanism disposed within the main body; so that the rotation of the motor is transmitted to the throttle valve via the gear mechanism, wherein the gear mechanism includes a drive gear mounted to an output shaft of the motor and an intermediate gear disposed between the drive gear and the throttle valve; and

a metal plate mounted to a motor casing of the motor, wherein the intermediate gear is mounted to the metal plate; and

an adjusting device arranged and constructed to adjust the position of the intermediate gear relative laterally across a face of the main body; and

a fixing device arranged and constructed to fix the metal plate in position relative to the main body, wherein the adjusting mechanism serves to adjust the relative position between the metal plate and the main body; and

a gear shaft secured to the metal plate, wherein the intermediate gear is rotatably mounted on the gear shaft; and

wherein the gear mechanism further includes a throttle gear that is coupled to the throttle valve and is rotatable with the throttle valve, and the throttle gear engages the intermediate gear; and

wherein the adjusting mechanism comprises at least one mounting hole formed in the metal plate, and the mounting hole is adapted to receive a fixing device and has a distorted configuration allowing adjustment in at least one dimension in a plane parallel to the metal plate.